CDX-C7850

SONY

US Model
Canadian Model

SERVICE MANUAL

SUPPLEMENT-1

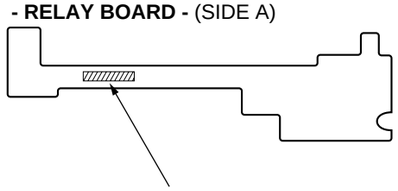
File this supplement with the service manual.

Subject : Change of Main and Relay Boards

(ECN-CSA00017)

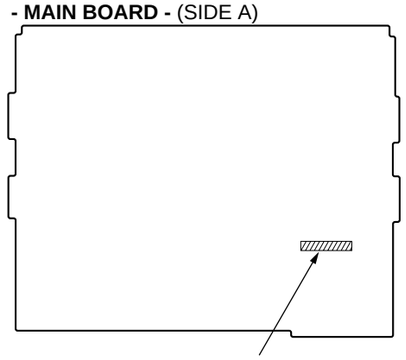
When performing service and inspection, check the suffix of the part number of the main and relay boards.

- RELAY BOARD - (SIDE A)



Relay board Part No.
Former : 1-672-698-11
New : 1-672-698-12

- MAIN BOARD - (SIDE A)



Main board Part No.
Former : 1-672-697-11
New : 1-672-697-12

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

For schematic diagrams

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- ▵ : internal component.
- ▭ : panel designation.

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

- B+ : B+ Line.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  - ⇨ : FM
  - ➡ : AM
  - ⇨ : CD
- (( )) : Page of service manual.
  << >> : Page of supplement-1.

For printed wiring boards

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ● : Through hole.
- ▵ : internal component.
- ▒ : Pattern from the side which enables seeing. (The other layer's patterns are not indicated.)

Caution:
Pattern face side: (Side B) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A) Parts on the parts face side seen from the parts face are indicated.

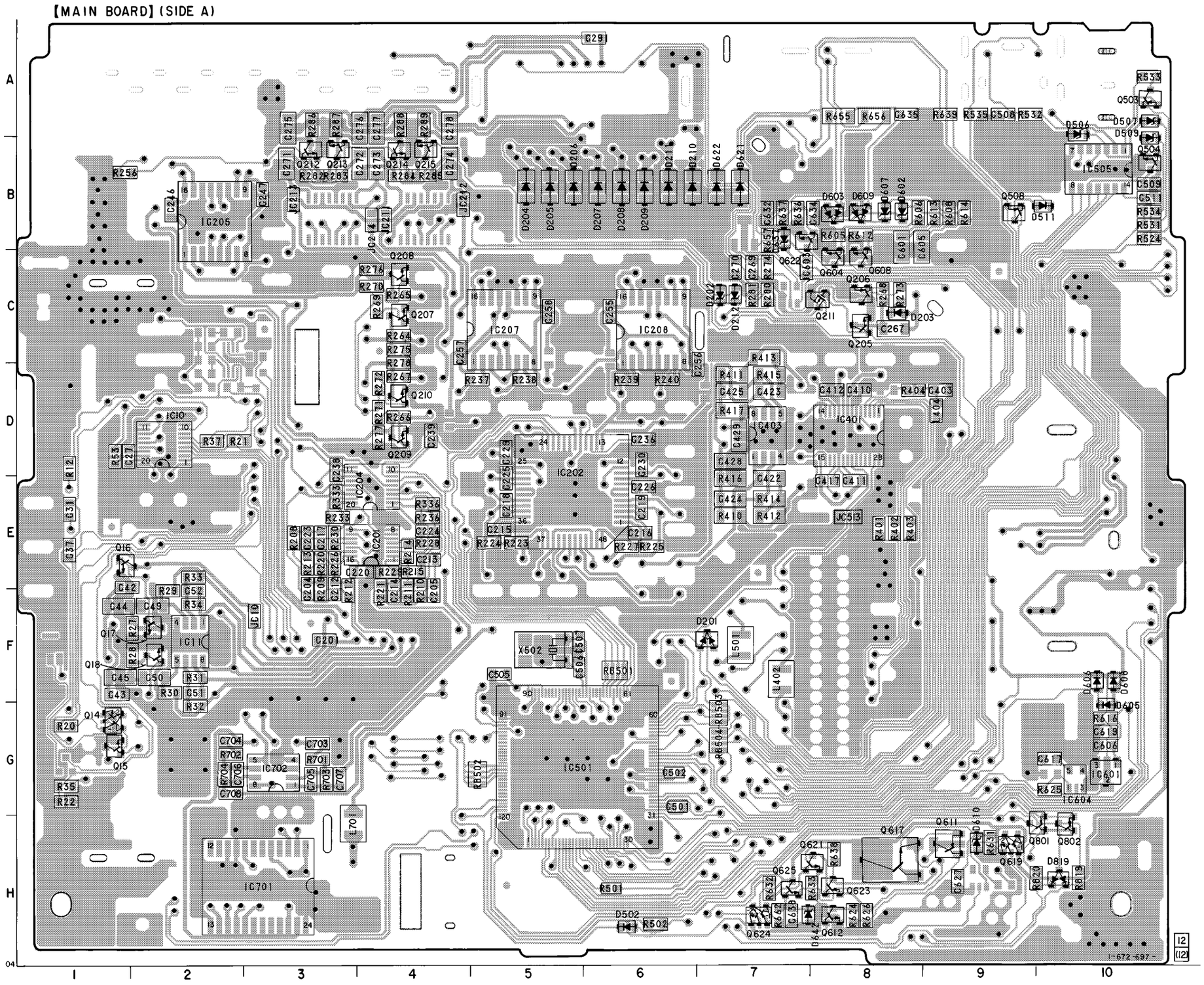
- (( )) : Page of service manual.
  << >> : Page of supplement-1.

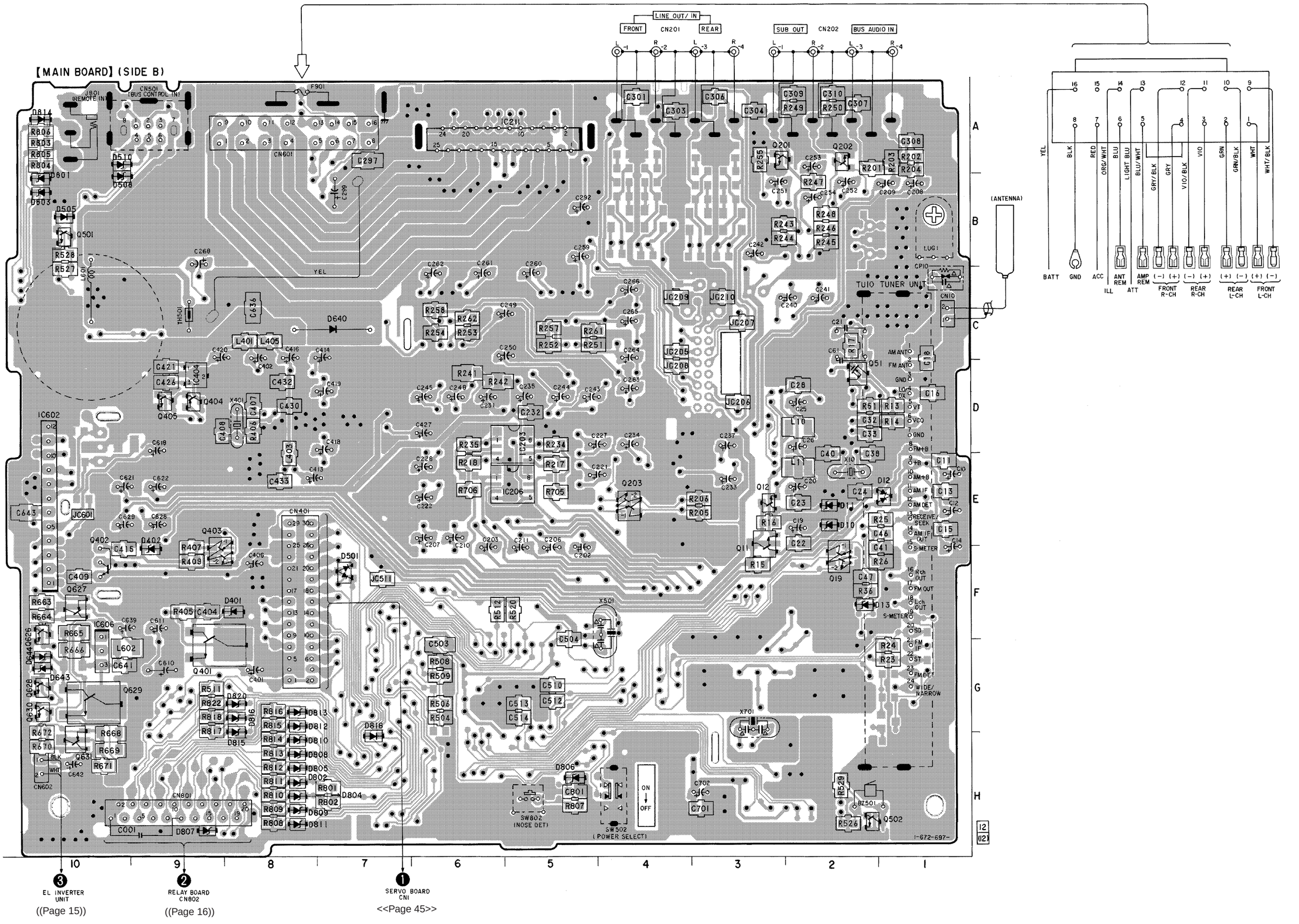
1. PRINTED WIRING BOARD — MAIN SECTION —

• **Semiconductor Location**

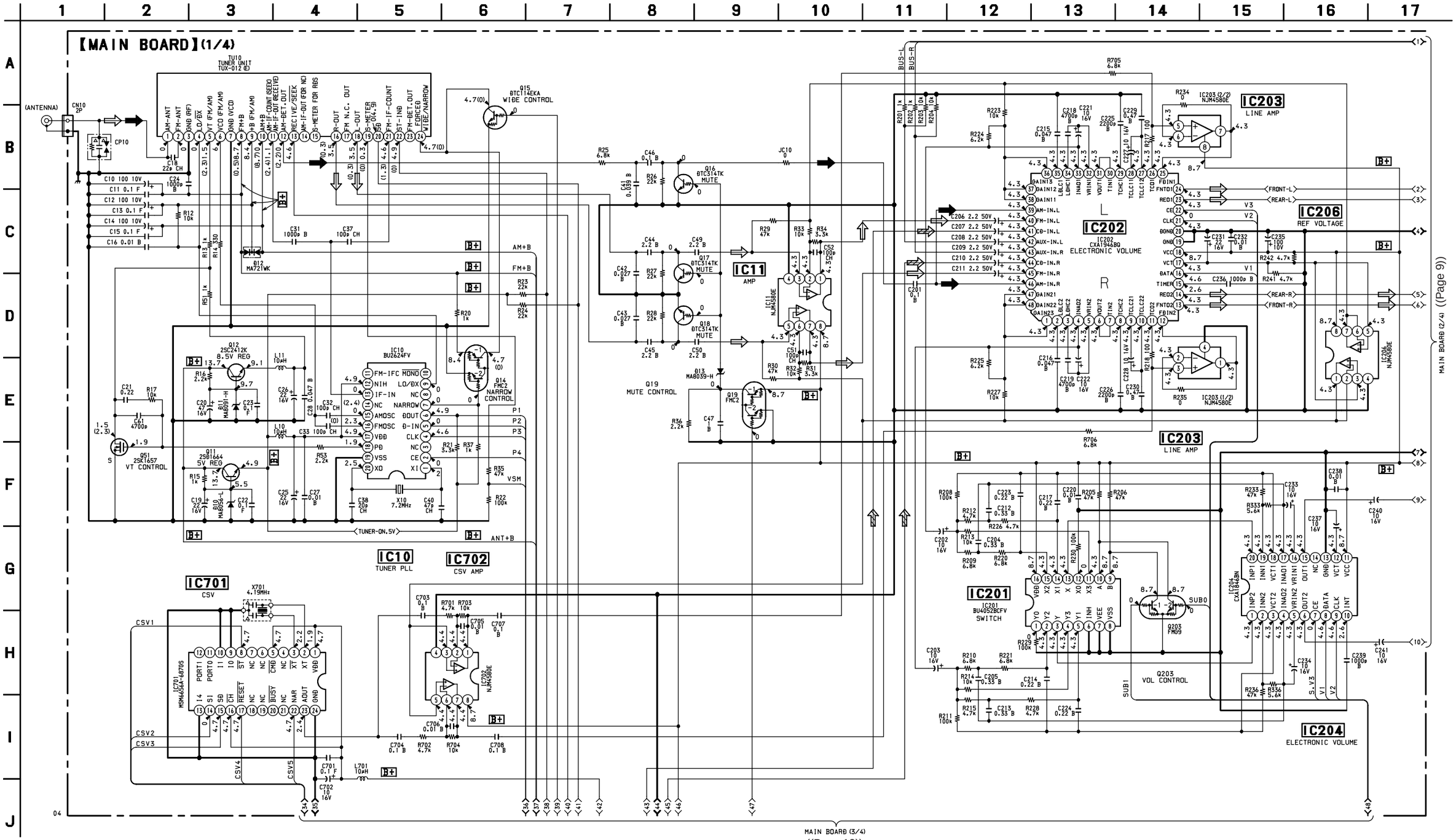
Ref. No.	Location	Ref. No.	Location
(D10)	E-2	(IC206)	E-5
(D11)	E-2	IC207	C-5
(D12)	E-1	IC208	C-6
(D13)	F-2	(IC211)	A-6
D201	F-7	IC401	D-8
D202	C-7	IC403	D-7
D203	C-8	(IC404)	D-9
D204	B-5	IC501	G-5
D205	B-5	IC505	B-10
D206	B-5	IC601	G-10
D207	B-6	(IC602)	D-10
D208	B-6	IC604	G-10
D209	B-6	(IC606)	G-10
D210	B-6	IC701	H-3
D211	B-6	IC702	G-3
D212	C-7		
(D401)	F-8	(Q11)	F-3
(D402)	E-9	(Q12)	E-3
(D501)	F-7	Q14	G-1
D502	H-6	Q15	G-1
(D505)	B-10	Q16	E-1
D506	B-10	Q17	F-1
D507	B-10	Q18	F-1
(D508)	B-10	(Q19)	F-2
D509	B-10	(Q51)	D-2
(D510)	A-10	(Q201)	A-3
D511	B-10	(Q202)	A-2
D602	B-8	(Q203)	E-4
D603	B-8	Q205	C-8
D605	G-10	Q206	C-8
D606	F-10	Q207	C-4
D607	B-8	Q208	B-4
D608	F-10	Q209	D-4
D609	B-8	Q210	D-4
D610	G-9	Q211	C-8
D621	B-7	Q212	B-3
D622	B-7	Q213	B-3
D637	B-7	Q214	B-4
(D640)	C-7	Q215	B-4
D642	H-8	(Q401)	G-9
(D643)	G-10	(Q402)	F-10
(D644)	G-10	(Q403)	E-9
(D801)	B-10	(Q404)	D-9
(D802)	H-8	(Q405)	D-9
(D803)	B-10	(Q501)	B-10
(D804)	H-8	(Q502)	H-1
(D805)	H-8	Q503	A-10
(D806)	H-5	Q504	B-10
(D807)	H-9	Q508	B-9
(D808)	H-8	Q604	B-8
(D809)	H-8	Q608	B-8
(D810)	H-8	Q611	G-9
(D811)	H-8	Q612	H-8
(D812)	G-8	Q617	H-8
(D813)	G-8	Q619	H-9
(D814)	A-10	Q621	H-8
(D815)	H-8	Q622	C-8
(D816)	G-8	Q623	H-8
(D818)	G-7	Q624	H-7
D819	H-10	Q625	H-7
(D820)	G-8	(Q626)	F-10
		(Q627)	F-10
IC10	D-2	(Q628)	G-10
IC11	F-2	(Q629)	G-9
IC201	E-4	(Q630)	G-10
IC202	E-5	(Q631)	H-10
(IC203)	E-5	Q801	H-10
IC204	E-4	Q802	H-10
IC205	B-2		

( ) : SIDE B




【MAIN BOARD】(SIDE B)
LINE OUT/ IN
FRONT
CN201
REAR
SUB OUT
CN202
BUS AUDIO IN
(ANTENNA)
TUIO TUNER UNIT
BATT
GND
ACC
ANT REM
AMP REM
FRONT R-CH
REAR R-CH
REAR L-CH
FRONT L-CH
YEL
BLK
RED
ORG/WHT
BLU
LIGHT BLU
BLU/WHT
GRY/BLK
GRY
VIO/BLK
VIO
GRN
GRN/BLK
WHT
WHT/BLK
CN501
(BUS CONTROL IN)
J801
(REMOTE IN)
CN601
F901
IC211
C297
D814
D801
D803
D505
Q501
R528
R527
D510
D508
C268
C636
D640
TH501
L401
L405
C420
C416
C414
C421
C426
IC404
C432
C419
Q404
Q405
X401
C407
C430
C408
R408
C403
C418
C413
C433
IC602
C618
C621
C622
C643
JC601
C629
C628
Q402
C415
D402
Q403
R407
R409
C406
C409
Q627
D501
JC511
R663
R664
R665
R666
IC606
C639
C611
L602
C641
C610
D644
Q626
D643
Q628
Q630
Q629
R672
R670
R668
R669
R671
Q631
C642
CN602
BLK
WHT
D401
R405
C404
Q401
C401
R511
R822
R818
R817
D820
D816
D815
R816
R815
R814
R813
R812
R811
R810
R809
R808
D813
D812
D810
D808
D805
D802
D809
D811
R801
R802
D804
D818
CN801
C001
D807
C301
C303
C306
C304
C309
R249
C310
R250
C307
C308
R202
R204
R203
R201
Q201
Q202
R255
C253
R247
C251
C254
C252
C209
C208
R248
R246
R245
R243
R244
C242
C259
C292
C268
C262
C261
C260
C266
C249
C265
R258
R262
R254
R253
R257
R252
R261
R251
C250
C264
R241
R242
C245
C246
C235
C244
C243
C263
C231
C232
C427
C228
C227
C234
C237
R236
R218
R706
R234
R217
R705
C222
C221
C233
Q203
R206
R205
C207
C210
C203
C211
C206
C202
Q11
R512
R520
X501
C504
C503
R508
R509
R506
R504
C510
C512
C513
C514
D806
C801
R807
SW802
(NOSE DET)
SW502
(POWER SELECT)
ON
OFF
X701
C702
C701
R529
BZ501
Q502
R526
JC209
JC210
JC207
JC205
JC208
JC204
C240
C241
C21
C61
Q51
AM ANT
FM ANT
GND
C18
C16
C28
C25
L10
R51
R13
R32
R14
C32
C33
C26
C40
C38
X10
L11
C20
C24
D12
C23
D11
C19
D10
C22
R16
R15
Q12
Q19
R25
C46
C41
R26
C47
R36
D13
S-METER
R24
R23
C11
C10
C13
C12
C15
C14
IC1
VCC
VT
GND
FM-B
+B
AM+B
AM IF
AM DET
RECEIVE/ SEEK
AM IF OUT
S-METER
Rch OUT
FM OUT
Lch OUT
SD
FM IF
ST
FMDET
WIDE/ NARROW
CN10
CP10
LUG1
A
B
C
D
E
F
G
H
10
9
8
7
6
5
4
3
2
1
12
112
1-672-697-
3 EL INVERTER UNIT
((Page 15))
2 RELAY BOARD CN802
((Page 16))
1 SERVO BOARD CN1
<<Page 45>>

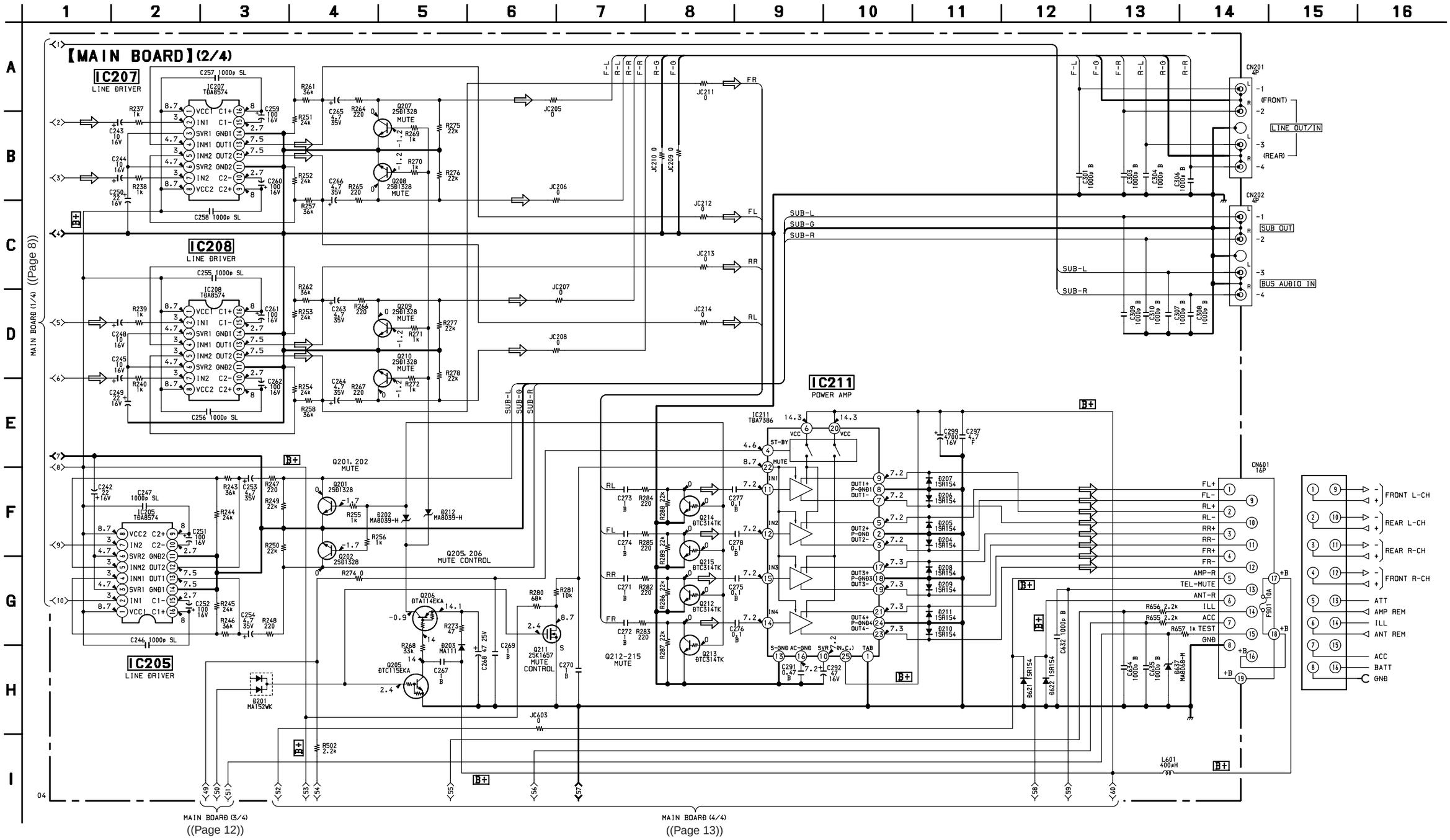
2. SCHEMATIC DIAGRAM — MAIN SECTION (1/4) —



Note:

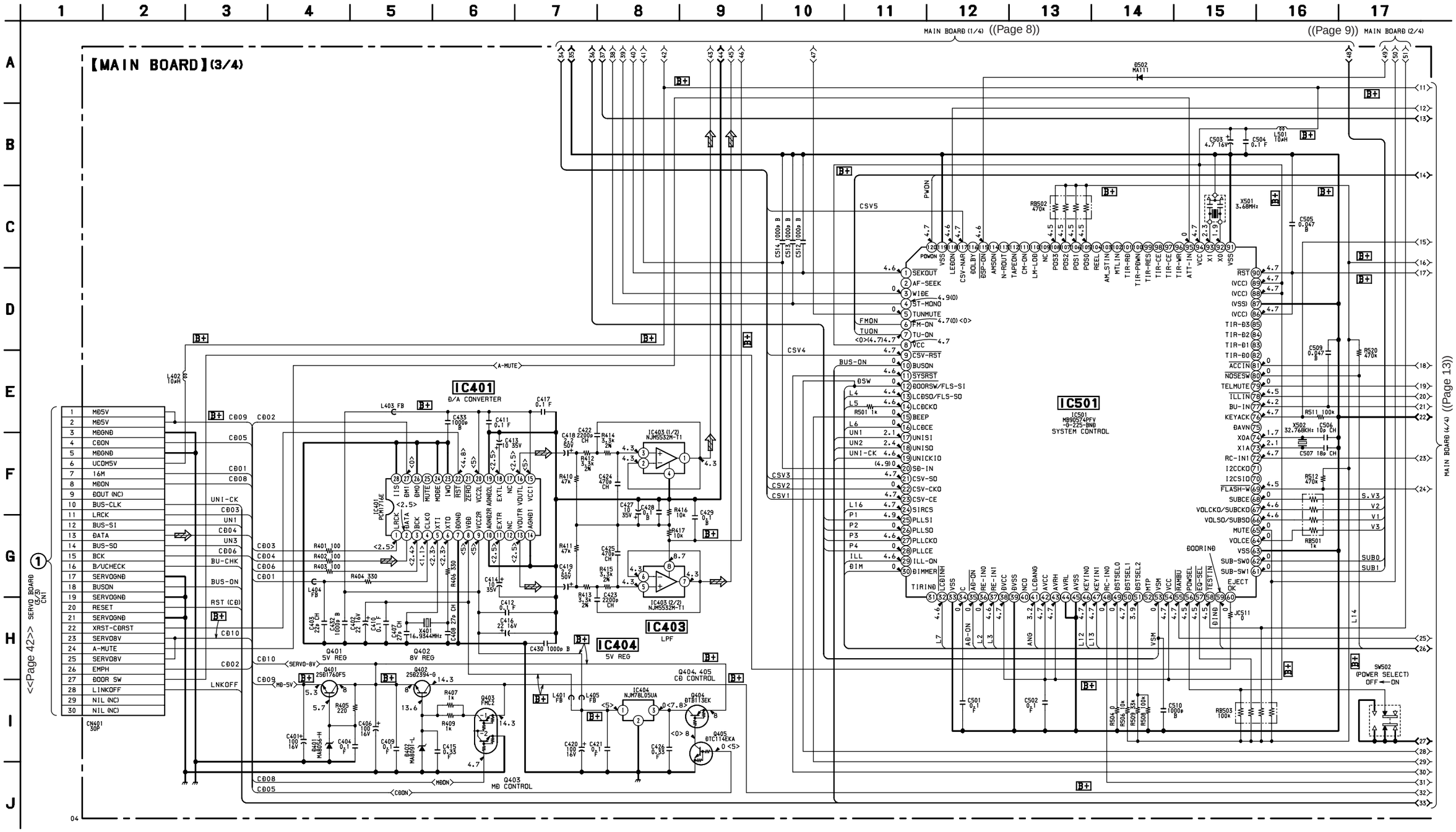
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : AM

3. SCHEMATIC DIAGRAM — MAIN SECTION (2/4) —



Note:
- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM

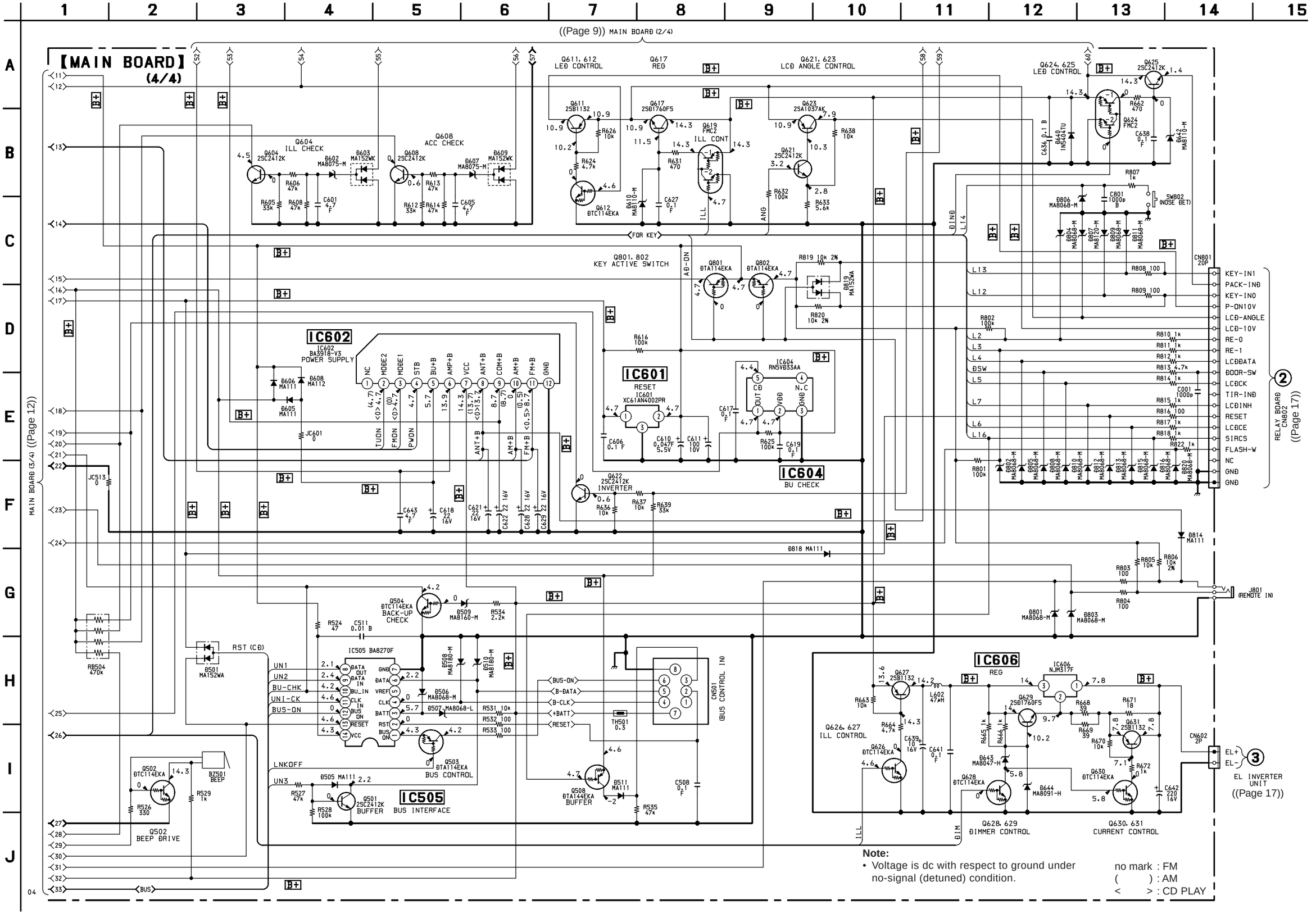
4. SCHEMATIC DIAGRAM — MAIN SECTION (3/4) —



Note:

- Voltage is dc with respect to ground under no-signal (detuned) condition.
  no mark : FM
  ( ) : AM
  < > : CD PLAY

5. SCHEMATIC DIAGRAM — MAIN SECTION (4/4) —



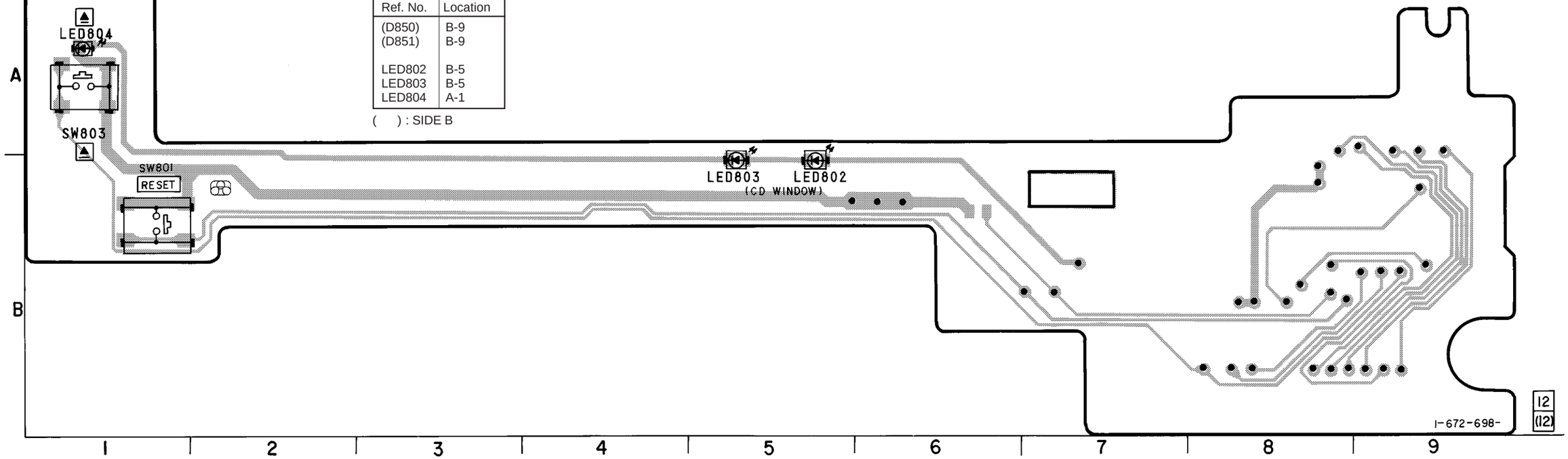
6. PRINTED WIRING BOARD — RELAY SECTION —

【RELAY BOARD】(SIDE A)

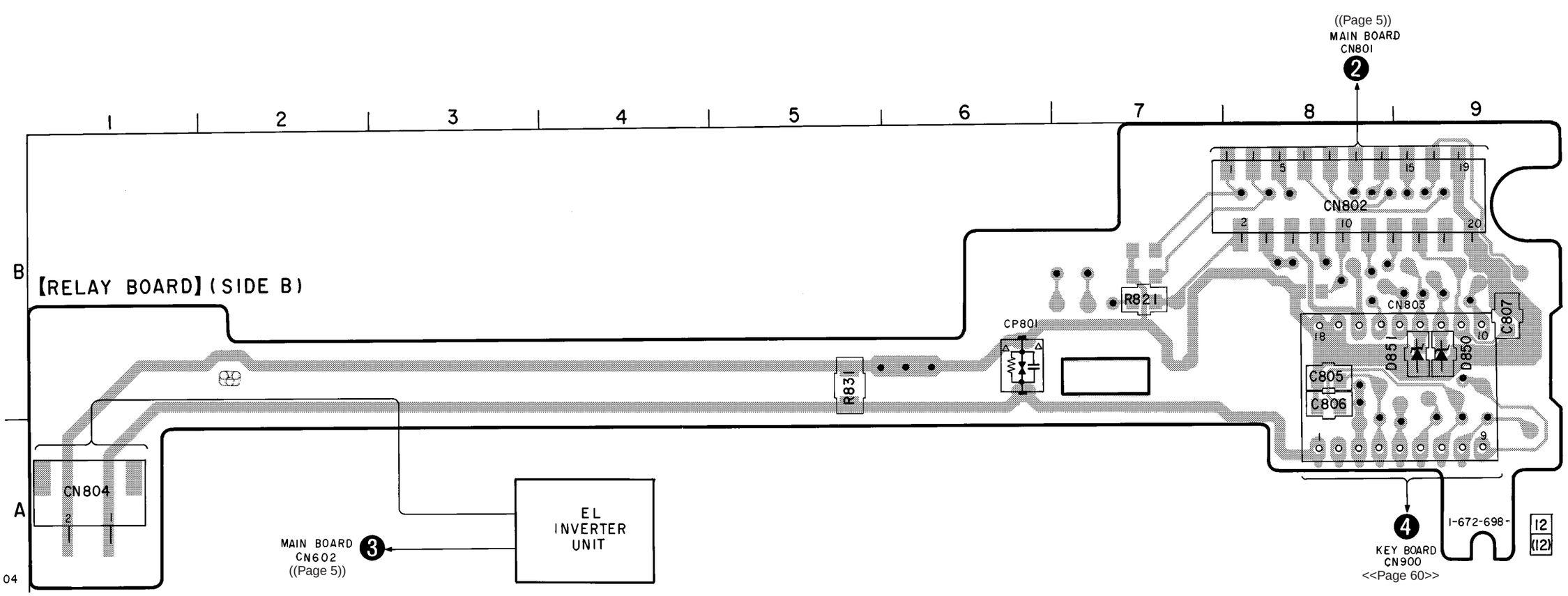
- **Semiconductor Location**

Ref. No.	Location
(D850)	B-9
(D851)	B-9
LED802	B-5
LED803	B-5
LED804	A-1

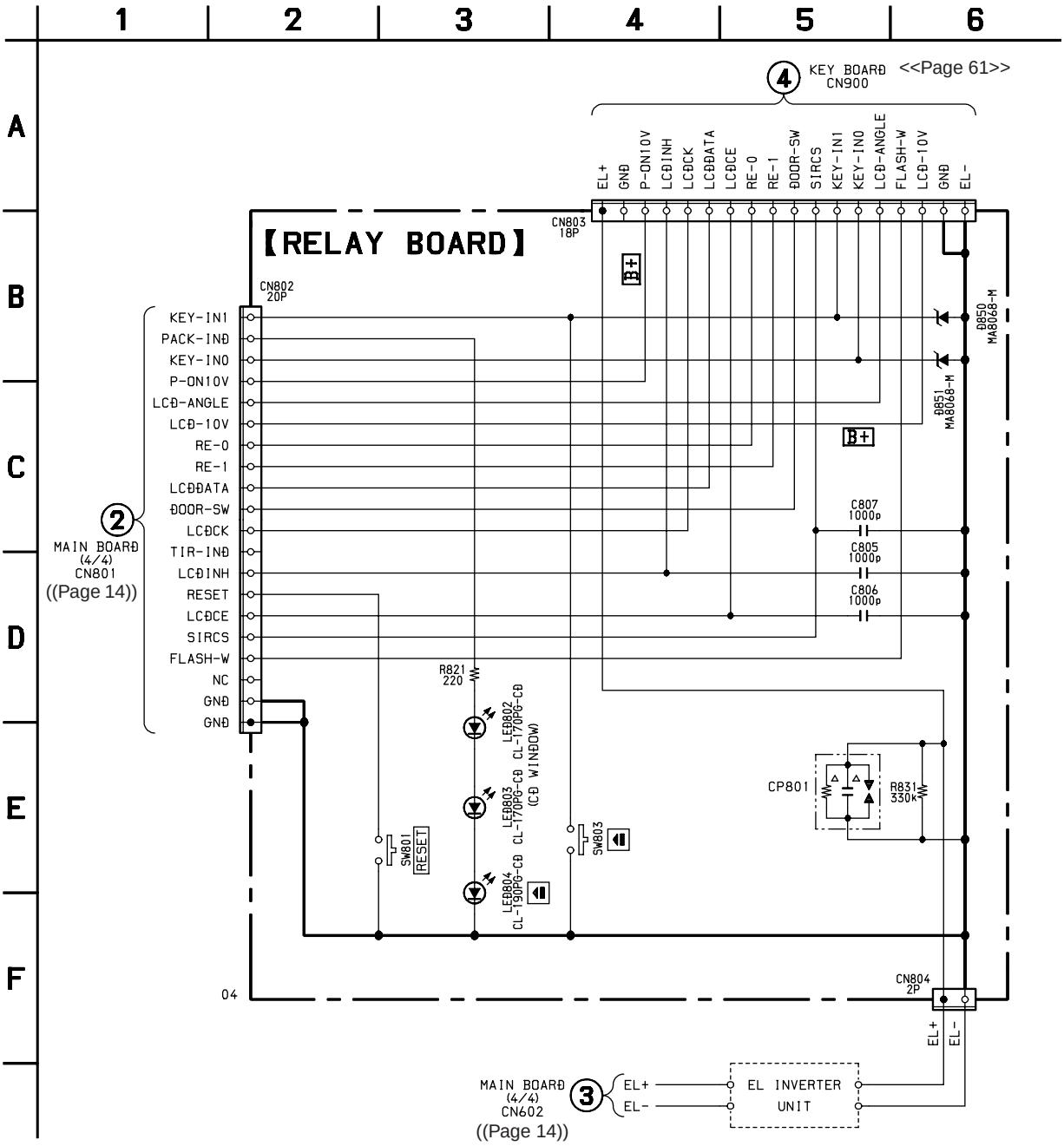
( ) : SIDE B



【RELAY BOARD】(SIDE B)



7. SCHEMATIC DIAGRAM — RELAY SECTION —



MAIN

8. ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
*	A-3294-616-A	MAIN BOARD, COMPLETE			
		**********			
*	3-022-317-01	BRACKET (AMP)			
*	3-022-336-01	HEAT SINK			
*	3-030-447-02	HEAT SINK (REG 3)			
*	3-031-812-01	PLATE (TUX-B), SHIELD			
	7-685-794-09	SCREW +PTT 2.6X10 (S)			
		< BUZZER >			
BZ501	1-504-920-11	BUZZER			
		< CAPACITOR >			
C001	1-162-294-31	CERAMIC	0.001uF	10%	50V
C10	1-104-665-11	ELECT	100uF	20%	10V
C11	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C12	1-104-665-11	ELECT	100uF	20%	10V
C13	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C14	1-104-665-11	ELECT	100uF	20%	10V
C15	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C16	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C18	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C19	1-124-234-00	ELECT	22uF	20%	16V
C20	1-104-953-11	ELECT	47uF	20%	16V
C21	1-136-169-00	FILM	0.22uF	5%	50V
C22	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C23	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C24	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C25	1-124-234-00	ELECT	22uF	20%	16V
C26	1-124-234-00	ELECT	22uF	20%	16V
C27	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C28	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C31	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C32	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C33	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C37	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C38	1-163-234-11	CERAMIC CHIP	20PF	5%	50V
C40	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C41	1-162-587-11	CERAMIC CHIP	0.039uF	10%	25V
C42	1-163-986-00	CERAMIC CHIP	0.027uF	10%	25V
C43	1-163-986-00	CERAMIC CHIP	0.027uF	10%	25V
C44	1-115-565-11	CERAMIC CHIP	2.2uF	10%	10V
C45	1-115-565-11	CERAMIC CHIP	2.2uF	10%	10V
C46	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C47	1-109-982-11	CERAMIC CHIP	1uF	10%	10V

Ref. No.	Part No.	Description			Remark
C49	1-115-565-11	CERAMIC CHIP	2.2uF	10%	10V
C50	1-115-565-11	CERAMIC CHIP	2.2uF	10%	10V
C51	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C52	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C61	1-137-368-11	FILM	0.0047uF	5%	50V
C201	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C202	1-126-157-11	ELECT	10uF	20%	16V
C203	1-126-157-11	ELECT	10uF	20%	16V
C204	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C205	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C206	1-124-257-00	ELECT	2.2uF	20%	50V
C207	1-124-257-00	ELECT	2.2uF	20%	50V
C208	1-124-257-00	ELECT	2.2uF	20%	50V
C209	1-124-257-00	ELECT	2.2uF	20%	50V
C210	1-124-257-00	ELECT	2.2uF	20%	50V
C211	1-124-257-00	ELECT	2.2uF	20%	50V
C212	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C213	1-110-501-11	CERAMIC CHIP	0.33uF	10%	16V
C214	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C215	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C216	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C217	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C218	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C219	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C220	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C221	1-126-157-11	ELECT	10uF	20%	16V
C222	1-126-157-11	ELECT	10uF	20%	16V
C223	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C224	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C225	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C226	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C227	1-126-157-11	ELECT	10uF	20%	16V
C228	1-126-157-11	ELECT	10uF	20%	16V
C229	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C230	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C231	1-124-234-00	ELECT	22uF	20%	16V
C232	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C233	1-126-157-11	ELECT	10uF	20%	16V
C234	1-126-157-11	ELECT	10uF	20%	16V
C235	1-104-955-11	ELECT	100uF	20%	10V
C236	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C237	1-126-157-11	ELECT	10uF	20%	16V
C238	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C239	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C240	1-126-157-11	ELECT	10uF	20%	16V

Ref. No.	Part No.	Description			Remark
C241	1-126-157-11	ELECT	10uF	20%	16V
C242	1-124-234-00	ELECT	22uF	20%	16V
C243	1-126-157-11	ELECT	10uF	20%	16V
C244	1-126-157-11	ELECT	10uF	20%	16V
C245	1-126-157-11	ELECT	10uF	20%	16V
C246	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C247	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C248	1-126-157-11	ELECT	10uF	20%	16V
C249	1-124-234-00	ELECT	22uF	20%	16V
C250	1-124-234-00	ELECT	22uF	20%	16V
C251	1-115-175-11	ELECT	100uF	20%	16V
C252	1-115-175-11	ELECT	100uF	20%	16V
C253	1-126-572-11	ELECT	4.7uF	20%	35V
C254	1-126-572-11	ELECT	4.7uF	20%	35V
C255	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C256	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C257	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C258	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C259	1-115-175-11	ELECT	100uF	20%	16V
C260	1-115-175-11	ELECT	100uF	20%	16V
C261	1-115-175-11	ELECT	100uF	20%	16V
C262	1-115-175-11	ELECT	100uF	20%	16V
C263	1-126-572-11	ELECT	4.7uF	20%	35V
C264	1-126-572-11	ELECT	4.7uF	20%	35V
C265	1-126-572-11	ELECT	4.7uF	20%	35V
C266	1-126-572-11	ELECT	4.7uF	20%	35V
C267	1-125-827-11	CERAMIC CHIP	1uF	10%	25V
C268	1-104-664-11	ELECT	47uF	20%	25V
C269	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C270	1-109-982-11	CERAMIC CHIP	1uF	10%	10V
C271	1-107-682-11	CERAMIC CHIP	1uF	10%	16V
C272	1-107-682-11	CERAMIC CHIP	1uF	10%	16V
C273	1-107-682-11	CERAMIC CHIP	1uF	10%	16V
C274	1-107-682-11	CERAMIC CHIP	1uF	10%	16V
C275	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C276	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C277	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C278	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C291	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C292	1-104-953-11	ELECT	47uF	20%	16V
C297	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C299	1-115-469-31	ELECT	4700uF		16V
C301	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C303	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C304	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C306	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C307	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C308	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C309	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C310	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C401	1-115-651-11	ELECT	100uF	20%	16V
C402	1-124-234-00	ELECT	22uF	20%	16V
C403	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C404	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C406	1-115-651-11	ELECT	100uF	20%	16V
C407	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C408	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C409	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C410	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C411	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C412	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C413	1-126-295-11	ELECT	10uF	20%	35V
C414	1-126-295-11	ELECT	10uF	20%	35V
C415	1-164-336-11	CERAMIC CHIP	0.33uF		25V
C416	1-124-234-00	ELECT	22uF	20%	16V
C417	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C418	1-124-257-00	ELECT	2.2uF	20%	50V
C419	1-124-257-00	ELECT	2.2uF	20%	50V
C420	1-115-651-11	ELECT	100uF	20%	16V
C421	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C422	1-163-213-00	CERAMIC CHIP	0.0022uF	5%	50V
C423	1-163-213-00	CERAMIC CHIP	0.0022uF	5%	50V
C424	1-163-197-00	CERAMIC CHIP	470PF	5%	50V
C425	1-163-197-00	CERAMIC CHIP	470PF	5%	50V
C426	1-164-336-11	CERAMIC CHIP	0.33uF		25V
C427	1-126-295-11	ELECT	10uF	20%	35V
C428	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C429	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C430	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C432	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C433	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C501	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C502	1-164-360-11	CERAMIC CHIP	0.1uF		16V
C503	1-107-686-11	TANTAL. CHIP	4.7uF	20%	16V
C504	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C505	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C506	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C507	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C508	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C509	1-163-809-11	CERAMIC CHIP	0.047uF	10%	25V
C510	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C511	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C512	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C513	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C514	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C601	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C605	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C606	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C610	1-125-701-11	DOUBLE LAYERS	0.047F		5.5V
C611	1-104-665-11	ELECT	100uF	20%	10V
C617	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C618	1-124-234-00	ELECT	22uF	20%	16V
C619	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C621	1-124-234-00	ELECT	22uF	20%	16V
C622	1-124-234-00	ELECT	22uF	20%	16V
C627	1-163-038-00	CERAMIC CHIP	0.1uF		25V

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Ref. No.	Part No.	Description			Remark
C628	1-124-234-00	ELECT	22uF	20%	16V
C629	1-124-234-00	ELECT	22uF	20%	16V
C632	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C634	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C635	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C636	1-163-077-00	CERAMIC CHIP	0.1uF	10%	25V
C638	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C639	1-126-157-11	ELECT	10uF	20%	16V
C641	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C642	1-126-934-11	ELECT	220uF	20%	16V
C643	1-164-506-11	CERAMIC CHIP	4.7uF		16V
C701	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C702	1-126-157-11	ELECT	10uF	20%	16V
C703	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C704	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C705	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C706	1-163-021-11	CERAMIC CHIP	0.01uF	10%	50V
C707	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C708	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C801	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
* CN10	1-506-984-11	PIN, CONNECTOR (PC BOARD) 2P			
CN401	1-764-617-12	PIN, CONNECTOR (PC BOARD) 30P			
CN501	1-580-907-31	PLUG, CONNECTOR (BUS CONTROL IN)			
CN601	1-774-701-11	PIN, CONNECTOR 16P			
* CN602	1-566-054-11	PIN, CONNECTOR 2P			
CN801	1-770-411-11	CONNECTOR, BOARD TO BOARD 20P			
		< JACK >			
CN201	1-774-699-12	JACK, PIN 4P (LINE OUT/IN)			
CN202	1-774-699-12	JACK, PIN 4P (SUB OUT,BUS AUDIO IN)			
		< DISCHARGE GAP >			
CP10	1-519-504-11	GAP, DISCHARGE			
		< DIODE >			
D10	8-719-422-49	DIODE MA8056-L			
D11	8-719-422-97	DIODE MA8091-M			
D12	8-719-040-04	DIODE MA721WK-(TX)			
D13	8-719-421-24	DIODE MA8039-H			
D201	8-719-801-78	DIODE 1SS184			
D202	8-719-421-24	DIODE MA8039-H			
D203	8-719-404-50	DIODE MA111-TX			
D204	8-719-053-18	DIODE 1SR154-400TE-25			
D205	8-719-053-18	DIODE 1SR154-400TE-25			
D206	8-719-053-18	DIODE 1SR154-400TE-25			
D207	8-719-053-18	DIODE 1SR154-400TE-25			
D208	8-719-053-18	DIODE 1SR154-400TE-25			
D209	8-719-053-18	DIODE 1SR154-400TE-25			
D210	8-719-053-18	DIODE 1SR154-400TE-25			
D211	8-719-053-18	DIODE 1SR154-400TE-25			

Ref. No.	Part No.	Description	Remark
D212	8-719-421-24	DIODE MA8039-H	
D401	8-719-977-03	DIODE DTZ5.6B	
D402	8-719-422-94	DIODE MA8091-L	
D501	8-719-400-20	DIODE MA152WA	
D502	8-719-404-50	DIODE MA111-TX	
D505	8-719-404-50	DIODE MA111-TX	
D506	8-719-977-12	DIODE DTZ6.8B	
D507	8-719-017-62	DIODE MA8068-L-TX	
D508	8-719-057-80	DIODE MA8160-M-TX	
D509	8-719-022-90	DIODE MA8160M	
D510	8-719-057-80	DIODE MA8160-M-TX	
D511	8-719-404-50	DIODE MA111-TX	
D602	8-719-422-76	DIODE MA8075-M	
D603	8-719-801-78	DIODE 1SS184	
D605	8-719-404-50	DIODE MA111-TX	
D606	8-719-404-50	DIODE MA111-TX	
D607	8-719-422-76	DIODE MA8075-M	
D608	8-719-067-56	DIODE MA112-TX	
D609	8-719-801-78	DIODE 1SS184	
D610	8-719-423-23	DIODE MA8110-M	
D621	8-719-053-18	DIODE 1SR154-400TE-25	
D622	8-719-053-18	DIODE 1SR154-400TE-25	
D637	8-719-977-12	DIODE DTZ6.8B	
D640	8-719-049-38	DIODE 1N5404TU	
D642	8-719-423-23	DIODE MA8110-M	
D643	8-719-976-96	DIODE DTZ4.7C	
D644	8-719-422-97	DIODE MA8091-M	
D801	8-719-977-12	DIODE DTZ6.8B	
D802	8-719-977-12	DIODE DTZ6.8B	
D803	8-719-977-12	DIODE DTZ6.8B	
D804	8-719-977-12	DIODE DTZ6.8B	
D805	8-719-977-12	DIODE DTZ6.8B	
D806	8-719-977-12	DIODE DTZ6.8B	
D807	8-719-423-32	DIODE MA8120-M	
D808	8-719-977-12	DIODE DTZ6.8B	
D809	8-719-977-12	DIODE DTZ6.8B	
D810	8-719-977-12	DIODE DTZ6.8B	
D811	8-719-977-12	DIODE DTZ6.8B	
D812	8-719-977-12	DIODE DTZ6.8B	
D813	8-719-977-12	DIODE DTZ6.8B	
D814	8-719-404-50	DIODE MA111-TX	
D815	8-719-977-12	DIODE DTZ6.8B	
D816	8-719-977-12	DIODE DTZ6.8B	
D818	8-719-404-50	DIODE MA111-TX	
D819	8-719-400-20	DIODE MA152WA	
D820	8-719-977-12	DIODE DTZ6.8B	
		< IC >	
IC10	8-759-448-85	IC BU2624FV-E2	
IC11	8-759-385-17	IC NJM4580E(TE2)	
IC201	8-759-387-26	IC BU4052BCFV-E2	
IC202	8-752-078-67	IC CXA1946BQ	
IC203	8-759-385-17	IC NJM4580E(TE2)	

Ref. No.	Part No.	Description	Remark
IC204	8-752-091-06	IC CXA1846BN-T4	
IC205	8-759-444-50	IC TDA8574(T)	
IC206	8-759-385-17	IC NJM4580E(TE2)	
IC207	8-759-444-50	IC TDA8574(T)	
IC208	8-759-444-50	IC TDA8574(T)	
IC211	8-759-486-44	IC TDA7386	
IC401	8-759-531-50	IC PCM1716E-BT2	
IC403	8-759-700-94	IC NJM5532M	
IC404	8-759-711-58	IC NJM78L05UA	
IC501	8-759-596-08	IC MB90574PFV-G-225-BND	
IC505	8-759-449-89	IC BA8270F-E2	
IC601	8-759-363-81	IC XC61AN4002PR	
IC602	8-759-347-50	IC BA3918-V3	
IC604	8-759-495-76	IC RN5VD33AA-TL	
IC606	8-759-495-75	IC NJM317F	
IC701	8-759-577-75	IC MSM6656A-687GS-KR1	
IC702	8-759-385-17	IC NJM4580E(TE2)	
		< JACK >	
J801	1-566-822-41	JACK (REMOTE IN)	
		< JUMPER RESISTOR >	
JC10	1-216-295-00	SHORT 0	
JC205	1-216-295-00	SHORT 0	
JC206	1-216-295-00	SHORT 0	
JC207	1-216-295-00	SHORT 0	
JC208	1-216-295-00	SHORT 0	
JC209	1-216-295-00	SHORT 0	
JC210	1-216-295-00	SHORT 0	
JC211	1-216-295-00	SHORT 0	
JC212	1-216-295-00	SHORT 0	
JC213	1-216-295-00	SHORT 0	
JC214	1-216-295-00	SHORT 0	
JC511	1-216-295-00	SHORT 0	
JC513	1-216-296-00	SHORT 0	
JC601	1-216-295-00	SHORT 0	
JC603	1-216-295-00	SHORT 0	
		< COIL >	
L10	1-414-398-11	INDUCTOR 10uH	
L11	1-414-398-11	INDUCTOR 10uH	
L401	1-414-598-11	FERRITE BEAD INDUCTOR	
L402	1-414-398-11	INDUCTOR 10uH	
L403	1-414-598-11	FERRITE BEAD INDUCTOR	
L404	1-414-235-22	FERRITE BEAD INDUCTOR	
L405	1-414-598-11	FERRITE BEAD INDUCTOR	
L501	1-414-398-11	INDUCTOR 10uH	
L601	1-411-670-31	INDUCTOR 400uH	
L602	1-412-062-11	INDUCTOR CHIP 47uH	
L701	1-414-398-11	INDUCTOR 10uH	

Ref. No.	Part No.	Description	Remark
		< EARTH TERMINAL >	
* LUG1	1-537-738-21	TERMINAL, EARTH	
		< TRANSISTOR >	
Q11	8-729-106-68	TRANSISTOR 2SD1615A-GP	
Q12	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q14	8-729-921-25	TRANSISTOR FMC2	
Q15	8-729-900-53	TRANSISTOR DTC114EK	
Q16	8-729-920-21	TRANSISTOR DTC314TKH04	
Q17	8-729-920-21	TRANSISTOR DTC314TKH04	
Q18	8-729-920-21	TRANSISTOR DTC314TKH04	
Q19	8-729-921-25	TRANSISTOR FMC2	
Q51	8-729-021-94	FET 2SK1657-T1B	
Q201	8-729-420-74	TRANSISTOR 2SD1328-RST	
Q202	8-729-420-74	TRANSISTOR 2SD1328-RST	
Q203	8-729-920-28	TRANSISTOR FMG9	
Q205	8-729-028-66	TRANSISTOR DTC115EKA-T146	
Q206	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q207	8-729-420-74	TRANSISTOR 2SD1328-RST	
Q208	8-729-420-74	TRANSISTOR 2SD1328-RST	
Q209	8-729-420-74	TRANSISTOR 2SD1328-RST	
Q210	8-729-420-74	TRANSISTOR 2SD1328-RST	
Q211	8-729-021-94	FET 2SK1657-T1B	
Q212	8-729-920-21	TRANSISTOR DTC314TKH04	
Q213	8-729-920-21	TRANSISTOR DTC314TKH04	
Q214	8-729-920-21	TRANSISTOR DTC314TKH04	
Q215	8-729-920-21	TRANSISTOR DTC314TKH04	
Q401	8-729-922-65	TRANSISTOR 2SD1760F5-PQR	
Q402	8-729-019-00	TRANSISTOR 2SD2394-G	
Q403	8-729-921-25	TRANSISTOR FMC2	
Q404	8-729-904-48	TRANSISTOR DTB113EK	
Q405	8-729-900-53	TRANSISTOR DTC114EK	
Q501	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q502	8-729-900-53	TRANSISTOR DTC114EK	
Q503	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q504	8-729-900-53	TRANSISTOR DTC114EK	
Q508	8-729-027-38	TRANSISTOR DTA144EKA-T146	
Q604	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q608	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q611	8-729-106-60	TRANSISTOR 2SB1115A	
Q612	8-729-900-53	TRANSISTOR DTC114EK	
Q617	8-729-922-65	TRANSISTOR 2SD1760F5-PQR	
Q619	8-729-921-25	TRANSISTOR FMC2	
Q621	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q622	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q623	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q624	8-729-921-25	TRANSISTOR FMC2	
Q625	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q626	8-729-900-53	TRANSISTOR DTC114EK	
Q627	8-729-106-60	TRANSISTOR 2SB1115A	
Q628	8-729-900-53	TRANSISTOR DTC114EK	
Q629	8-729-922-65	TRANSISTOR 2SD1760F5-PQR	

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Ref. No.	Part No.	Description			Remark
Q630	8-729-900-53	TRANSISTOR	DTC114EK		
Q631	8-729-106-60	TRANSISTOR	2SB1115A		
Q801	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q802	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
		< RESISTOR >			
R12	1-216-073-00	METAL CHIP	10K	5%	1/10W
R13	1-216-049-11	RES,CHIP	1K	5%	1/10W
R14	1-216-037-00	METAL CHIP	330	5%	1/10W
R15	1-216-049-11	RES,CHIP	1K	5%	1/10W
R16	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R17	1-216-073-00	METAL CHIP	10K	5%	1/10W
R20	1-216-049-11	RES,CHIP	1K	5%	1/10W
R21	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R22	1-216-097-00	RES,CHIP	100K	5%	1/10W
R23	1-216-081-00	METAL CHIP	22K	5%	1/10W
R24	1-216-081-00	METAL CHIP	22K	5%	1/10W
R25	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R26	1-216-081-00	METAL CHIP	22K	5%	1/10W
R27	1-216-081-00	METAL CHIP	22K	5%	1/10W
R28	1-216-081-00	METAL CHIP	22K	5%	1/10W
R29	1-216-089-00	RES,CHIP	47K	5%	1/10W
R30	1-216-089-00	RES,CHIP	47K	5%	1/10W
R31	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R32	1-216-073-00	METAL CHIP	10K	5%	1/10W
R33	1-216-073-00	METAL CHIP	10K	5%	1/10W
R34	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R35	1-216-089-00	RES,CHIP	47K	5%	1/10W
R36	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R37	1-216-049-11	RES,CHIP	1K	5%	1/10W
R51	1-216-049-11	RES,CHIP	1K	5%	1/10W
R53	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R201	1-216-049-11	RES,CHIP	1K	5%	1/10W
R202	1-216-049-11	RES,CHIP	1K	5%	1/10W
R203	1-216-073-00	METAL CHIP	10K	5%	1/10W
R204	1-216-073-00	METAL CHIP	10K	5%	1/10W
R205	1-216-089-00	RES,CHIP	47K	5%	1/10W
R206	1-216-089-00	RES,CHIP	47K	5%	1/10W
R208	1-216-097-00	RES,CHIP	100K	5%	1/10W
R209	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R210	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R211	1-216-097-00	RES,CHIP	100K	5%	1/10W
R212	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R213	1-216-073-00	METAL CHIP	10K	5%	1/10W
R214	1-216-073-00	METAL CHIP	10K	5%	1/10W
R215	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R217	1-216-025-00	RES,CHIP	100	5%	1/10W
R218	1-216-025-00	RES,CHIP	100	5%	1/10W
R220	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R221	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R223	1-216-073-00	METAL CHIP	10K	5%	1/10W
R224	1-216-068-00	METAL CHIP	6.2K	5%	1/10W
R225	1-216-068-00	METAL CHIP	6.2K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R226	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R227	1-216-073-00	METAL CHIP	10K	5%	1/10W
R228	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R229	1-216-097-00	RES,CHIP	100K	5%	1/10W
R230	1-216-097-00	RES,CHIP	100K	5%	1/10W
R233	1-216-089-00	RES,CHIP	47K	5%	1/10W
R234	1-216-295-00	SHORT	0		
R235	1-216-295-00	SHORT	0		
R236	1-216-089-00	RES,CHIP	47K	5%	1/10W
R237	1-216-049-11	RES,CHIP	1K	5%	1/10W
R238	1-216-049-11	RES,CHIP	1K	5%	1/10W
R239	1-216-049-11	RES,CHIP	1K	5%	1/10W
R240	1-216-049-11	RES,CHIP	1K	5%	1/10W
R241	1-216-214-00	RES,CHIP	4.7K	5%	1/8W
R242	1-216-214-00	RES,CHIP	4.7K	5%	1/8W
R243	1-216-086-00	RES,CHIP	36K	5%	1/10W
R244	1-216-082-00	RES,CHIP	24K	5%	1/10W
R245	1-216-082-00	RES,CHIP	24K	5%	1/10W
R246	1-216-086-00	RES,CHIP	36K	5%	1/10W
R247	1-216-033-00	METAL CHIP	220	5%	1/10W
R248	1-216-033-00	METAL CHIP	220	5%	1/10W
R249	1-216-081-00	METAL CHIP	22K	5%	1/10W
R250	1-216-081-00	METAL CHIP	22K	5%	1/10W
R251	1-216-082-00	RES,CHIP	24K	5%	1/10W
R252	1-216-082-00	RES,CHIP	24K	5%	1/10W
R253	1-216-082-00	RES,CHIP	24K	5%	1/10W
R254	1-216-082-00	RES,CHIP	24K	5%	1/10W
R255	1-216-049-11	RES,CHIP	1K	5%	1/10W
R256	1-216-049-11	RES,CHIP	1K	5%	1/10W
R257	1-216-086-00	RES,CHIP	36K	5%	1/10W
R258	1-216-086-00	RES,CHIP	36K	5%	1/10W
R261	1-216-086-00	RES,CHIP	36K	5%	1/10W
R262	1-216-086-00	RES,CHIP	36K	5%	1/10W
R264	1-216-033-00	METAL CHIP	220	5%	1/10W
R265	1-216-033-00	METAL CHIP	220	5%	1/10W
R266	1-216-033-00	METAL CHIP	220	5%	1/10W
R267	1-216-033-00	METAL CHIP	220	5%	1/10W
R268	1-216-085-00	METAL CHIP	33K	5%	1/10W
R269	1-216-049-11	RES,CHIP	1K	5%	1/10W
R270	1-216-049-11	RES,CHIP	1K	5%	1/10W
R271	1-216-049-11	RES,CHIP	1K	5%	1/10W
R272	1-216-049-11	RES,CHIP	1K	5%	1/10W
R273	1-216-017-00	RES,CHIP	47	5%	1/10W
R274	1-216-295-00	SHORT	0		
R275	1-216-081-00	METAL CHIP	22K	5%	1/10W
R276	1-216-081-00	METAL CHIP	22K	5%	1/10W
R277	1-216-081-00	METAL CHIP	22K	5%	1/10W
R278	1-216-081-00	METAL CHIP	22K	5%	1/10W
R280	1-216-093-00	RES,CHIP	68K	5%	1/10W
R281	1-216-073-00	METAL CHIP	10K	5%	1/10W
R282	1-216-033-00	METAL CHIP	220	5%	1/10W
R283	1-216-033-00	METAL CHIP	220	5%	1/10W
R284	1-216-033-00	METAL CHIP	220	5%	1/10W

Ref. No.	Part No.	Description			Remark
R285	1-216-033-00	METAL CHIP	220	5%	1/10W
R286	1-216-081-00	METAL CHIP	22K	5%	1/10W
R287	1-216-081-00	METAL CHIP	22K	5%	1/10W
R288	1-216-081-00	METAL CHIP	22K	5%	1/10W
R289	1-216-081-00	METAL CHIP	22K	5%	1/10W
R333	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R336	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R401	1-216-025-00	RES,CHIP	100	5%	1/10W
R402	1-216-025-00	RES,CHIP	100	5%	1/10W
R403	1-216-025-00	RES,CHIP	100	5%	1/10W
R404	1-216-037-00	METAL CHIP	330	5%	1/10W
R405	1-216-033-00	METAL CHIP	220	5%	1/10W
R406	1-216-037-00	METAL CHIP	330	5%	1/10W
R407	1-216-049-11	RES,CHIP	1K	5%	1/10W
R409	1-216-049-11	RES,CHIP	1K	5%	1/10W
R410	1-216-238-00	RES,CHIP	47K	5%	1/8W
R411	1-216-238-00	RES,CHIP	47K	5%	1/8W
R412	1-216-210-00	RES,CHIP	3.3K	2%	1/8W
R413	1-216-210-00	RES,CHIP	3.3K	2%	1/8W
R414	1-216-210-00	RES,CHIP	3.3K	2%	1/8W
R415	1-216-210-00	RES,CHIP	3.3K	2%	1/8W
R416	1-216-222-00	RES,CHIP	10K	5%	1/8W
R417	1-216-222-00	RES,CHIP	10K	5%	1/8W
R501	1-216-821-11	METAL CHIP	1K	5%	1/16W
R502	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R504	1-216-295-00	SHORT	0		
R506	1-216-073-00	METAL CHIP	10K	5%	1/10W
R508	1-216-097-00	RES,CHIP	100K	5%	1/10W
R509	1-216-085-00	METAL CHIP	33K	5%	1/10W
R511	1-216-097-00	RES,CHIP	100K	5%	1/10W
R512	1-216-113-00	RES,CHIP	470K	5%	1/10W
R520	1-216-113-00	RES,CHIP	470K	5%	1/10W
R524	1-216-017-00	RES,CHIP	47	5%	1/10W
R526	1-216-037-00	METAL CHIP	330	5%	1/10W
R527	1-216-089-00	RES,CHIP	47K	5%	1/10W
R528	1-216-097-00	RES,CHIP	100K	5%	1/10W
R529	1-216-049-11	RES,CHIP	1K	5%	1/10W
R531	1-216-073-00	METAL CHIP	10K	5%	1/10W
R532	1-216-025-00	RES,CHIP	100	5%	1/10W
R533	1-216-025-00	RES,CHIP	100	5%	1/10W
R534	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R535	1-216-089-00	RES,CHIP	47K	5%	1/10W
R605	1-216-085-00	METAL CHIP	33K	5%	1/10W
R606	1-216-089-00	RES,CHIP	47K	5%	1/10W
R608	1-216-089-00	RES,CHIP	47K	5%	1/10W
R612	1-216-085-00	METAL CHIP	33K	5%	1/10W
R613	1-216-089-00	RES,CHIP	47K	5%	1/10W
R614	1-216-089-00	RES,CHIP	47K	5%	1/10W
R616	1-216-097-00	RES,CHIP	100K	5%	1/10W
R624	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R625	1-216-097-00	RES,CHIP	100K	5%	1/10W
R626	1-216-073-00	METAL CHIP	10K	5%	1/10W
R631	1-216-041-00	METAL CHIP	470	5%	1/10W
R632	1-216-097-00	RES,CHIP	100K	5%	1/10W
R633	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R636	1-216-073-00	METAL CHIP	10K	5%	1/10W
R637	1-216-073-00	METAL CHIP	10K	5%	1/10W
R638	1-216-073-00	METAL CHIP	10K	5%	1/10W
R639	1-216-085-00	METAL CHIP	33K	5%	1/10W
R655	1-216-206-00	RES,CHIP	2.2K	5%	1/8W
R656	1-216-206-00	RES,CHIP	2.2K	5%	1/8W
R657	1-216-049-11	RES,CHIP	1K	5%	1/10W
R662	1-216-041-00	METAL CHIP	470	5%	1/10W
R663	1-216-073-00	METAL CHIP	10K	5%	1/10W
R664	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R665	1-216-198-00	RES,CHIP	1K	5%	1/8W
R666	1-216-198-00	RES,CHIP	1K	5%	1/8W
R668	1-216-164-00	RES,CHIP	39	5%	1/8W
R669	1-216-164-00	RES,CHIP	39	5%	1/8W
R670	1-216-073-00	METAL CHIP	10K	5%	1/10W
R671	1-216-609-11	METAL CHIP	18	0.5%	1/10W
R672	1-216-049-11	RES,CHIP	1K	5%	1/10W
R701	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R702	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R703	1-216-073-00	METAL CHIP	10K	5%	1/10W
R704	1-216-073-00	METAL CHIP	10K	5%	1/10W
R705	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R706	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R801	1-216-097-00	RES,CHIP	100K	5%	1/10W
R802	1-216-097-00	RES,CHIP	100K	5%	1/10W
R803	1-216-025-00	RES,CHIP	100	5%	1/10W
R804	1-216-025-00	RES,CHIP	100	5%	1/10W
R805	1-216-073-00	METAL CHIP	10K	5%	1/10W
R806	1-208-462-41	RES,CHIP	10K	2%	1/10W
R807	1-216-049-11	RES,CHIP	1K	5%	1/10W
R808	1-216-025-00	RES,CHIP	100	5%	1/10W
R809	1-216-025-00	RES,CHIP	100	5%	1/10W
R810	1-216-049-11	RES,CHIP	1K	5%	1/10W
R811	1-216-049-11	RES,CHIP	1K	5%	1/10W
R812	1-216-049-11	RES,CHIP	1K	5%	1/10W
R813	1-216-065-00	RES,CHIP	4.7K	5%	1/10W
R814	1-216-049-11	RES,CHIP	1K	5%	1/10W
R815	1-216-049-11	RES,CHIP	1K	5%	1/10W
R816	1-216-025-00	RES,CHIP	100	5%	1/10W
R817	1-216-049-11	RES,CHIP	1K	5%	1/10W
R818	1-216-049-11	RES,CHIP	1K	5%	1/10W
R819	1-208-462-41	RES,CHIP	10K	2%	1/10W
R820	1-208-462-41	RES,CHIP	10K	2%	1/10W
R822	1-216-049-11	RES,CHIP	1K	5%	1/10W

< NETWORK RESISTOR >

RB501	1-233-412-11	RES, CHIP NETWORK	1.0K (3216)
RB502	1-233-811-21	RES, NETWORK	470K (3216)
RB503	1-233-810-21	RES, NETWORK	100K (3216)
RB504	1-233-811-21	RES, NETWORK	470K (3216)

MAIN RELAY

Ref. No.	Part No.	Description			Remark
		< SWITCH >			
SW502	1-571-478-11	SWITCH, SLIDE (POWER SELECT)			
SW802	1-762-108-31	SWITCH, PUSH (1 KEY) (NOSE DET)			
		< THERMISTOR (POSITIVE) >			
TH501	1-801-792-21	THERMISTOR, POSITIVE			
		< TUNER >			
TU10	A-3282-045-A	TUNER UNIT (TUX-012(E))			
		< VIBRATOR >			
X10	1-577-126-51	VIBRATOR, CRYSTAL (7.2MHz)			
X401	1-579-280-31	VIBRATOR, CRYSTAL (16.9344MHz)			
X501	1-767-833-21	VIBRATOR, CERAMIC (3.68MHz)			
X502	1-579-886-21	VIBRATOR, CRYSTAL (32.768kHz)			
X701	1-577-101-11	VIBRATOR, CERAMIC (4.19MHz)			
**********					
*	1-672-698-12	RELAY BOARD **********			
		< CAPACITOR >			
C805	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C806	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C807	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
		< CONNECTOR >			
CN802	1-779-170-11	SOCKET, CONNECTOR 20P			
CN803	1-779-169-11	SOCKET, CONNECTOR 18P			
CN804	1-778-330-21	PIN, CONNECTOR (PC BOARD) 2P			
		< SPARK GAP >			
CP801	1-517-729-31	GAP, SPARK			
		< DIODE >			
D850	8-719-977-12	DIODE DTZ6.8B			
D851	8-719-977-12	DIODE DTZ6.8B			
LED802	8-719-033-14	LED CL-170PG-CD-T (CD WINDOW)			
LED803	8-719-033-14	LED CL-170PG-CD-T (CD WINDOW)			
LED804	8-719-038-07	LED CL-190PG-CD-T (⏏)			
		< RESISTOR >			
R821	1-216-033-00	METAL CHIP	220	5%	1/10W
R831	1-216-258-00	RES,CHIP	330K	5%	1/8W
		< SWITCH >			
SW801	1-692-135-21	SWITCH, KEY BOARD (RESET)			
SW803	1-771-027-21	SWITCH, KEY BOARD (WITH LED) (⏏)			

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